Figure 1

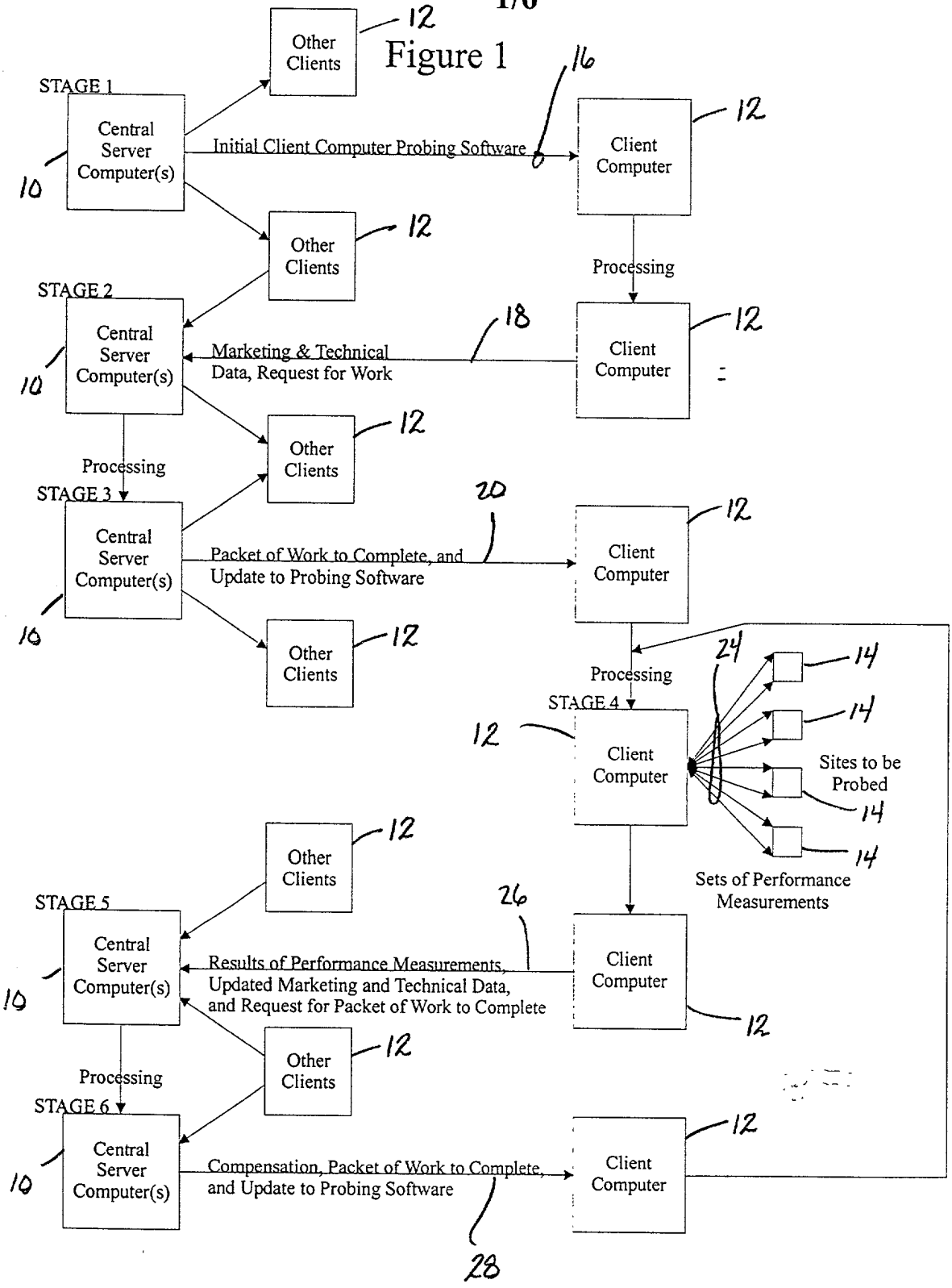

Other Clients
12
STAGE 1
Central Server Computer(s)
10
Initial Client Computer Probing Software
16
Client Computer
12
Other Clients
12
Processing
STAGE 2
Central Server Computer(s)
10
18
Marketing & Technical Data, Request for Work
Client Computer
12
Other Clients
12
Processing
STAGE 3
Central Server Computer(s)
10
20
Packet of Work to Complete, and Update to Probing Software
Client Computer
12
Other Clients
12
Processing
STAGE 4
24
14
14
Client Computer
12
Sites to be Probed
14
14
Sets of Performance Measurements
Other Clients
12
STAGE 5
Central Server Computer(s)
10
26
Results of Performance Measurements, Updated Marketing and Technical Data, and Request for Packet of Work to Complete
Client Computer
12
Other Clients
12
Processing
STAGE 6
Central Server Computer(s)
10
Compensation, Packet of Work to Complete, and Update to Probing Software
28
Client Computer
12

Figure 2

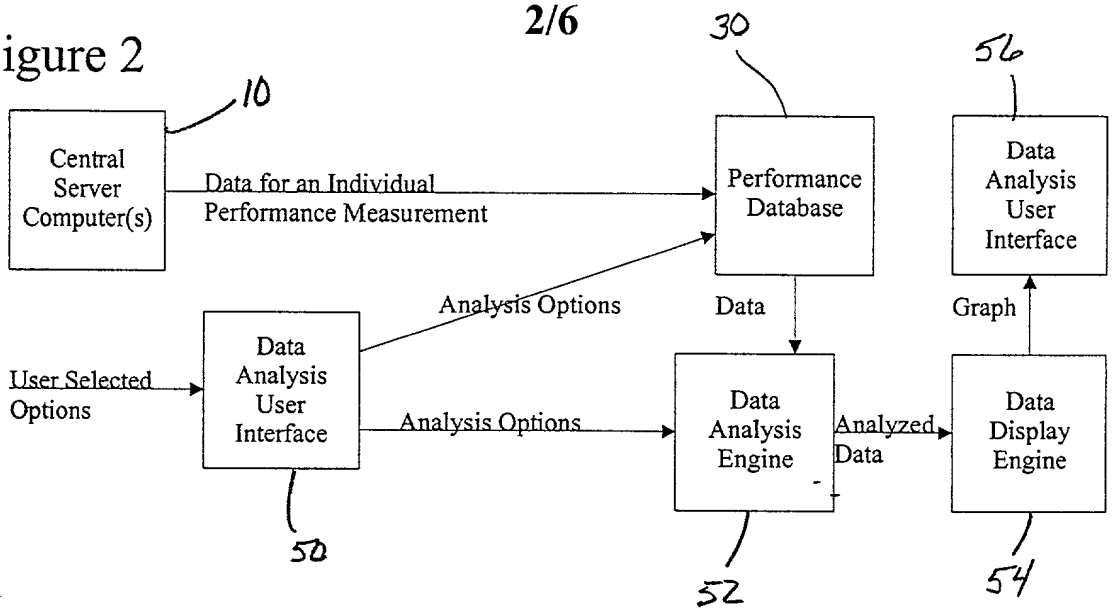


Figure 5

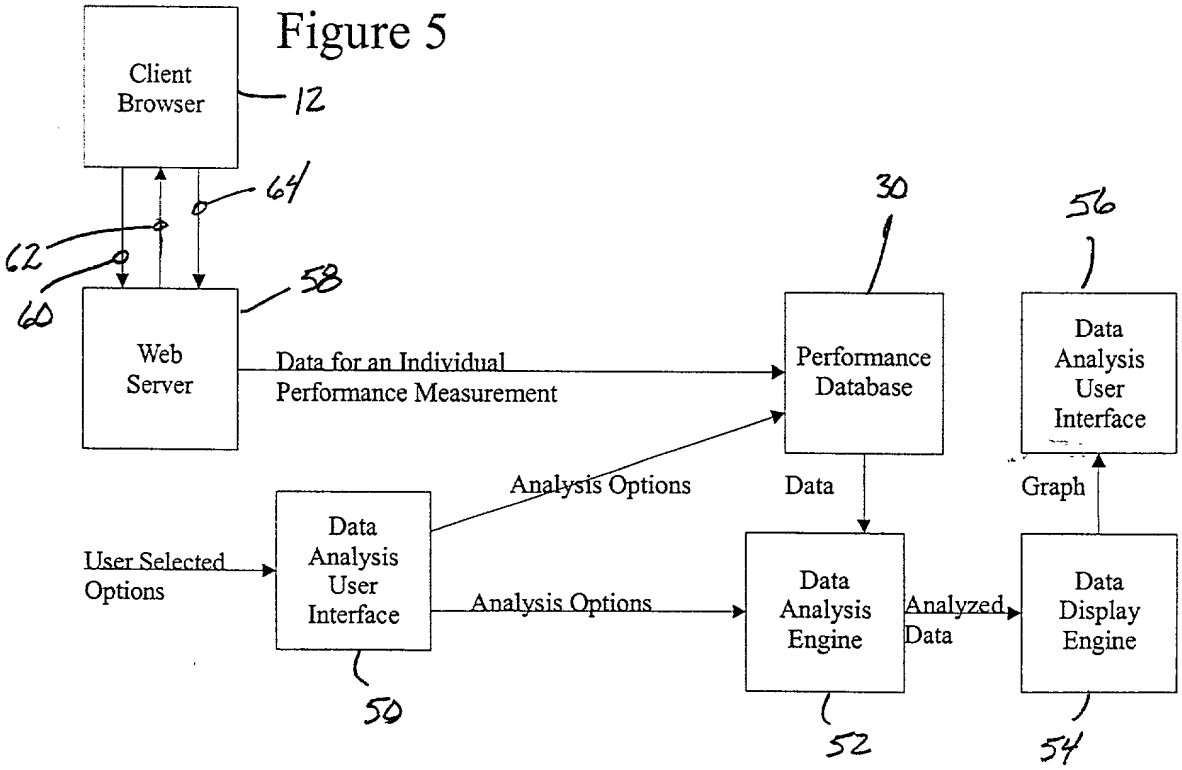
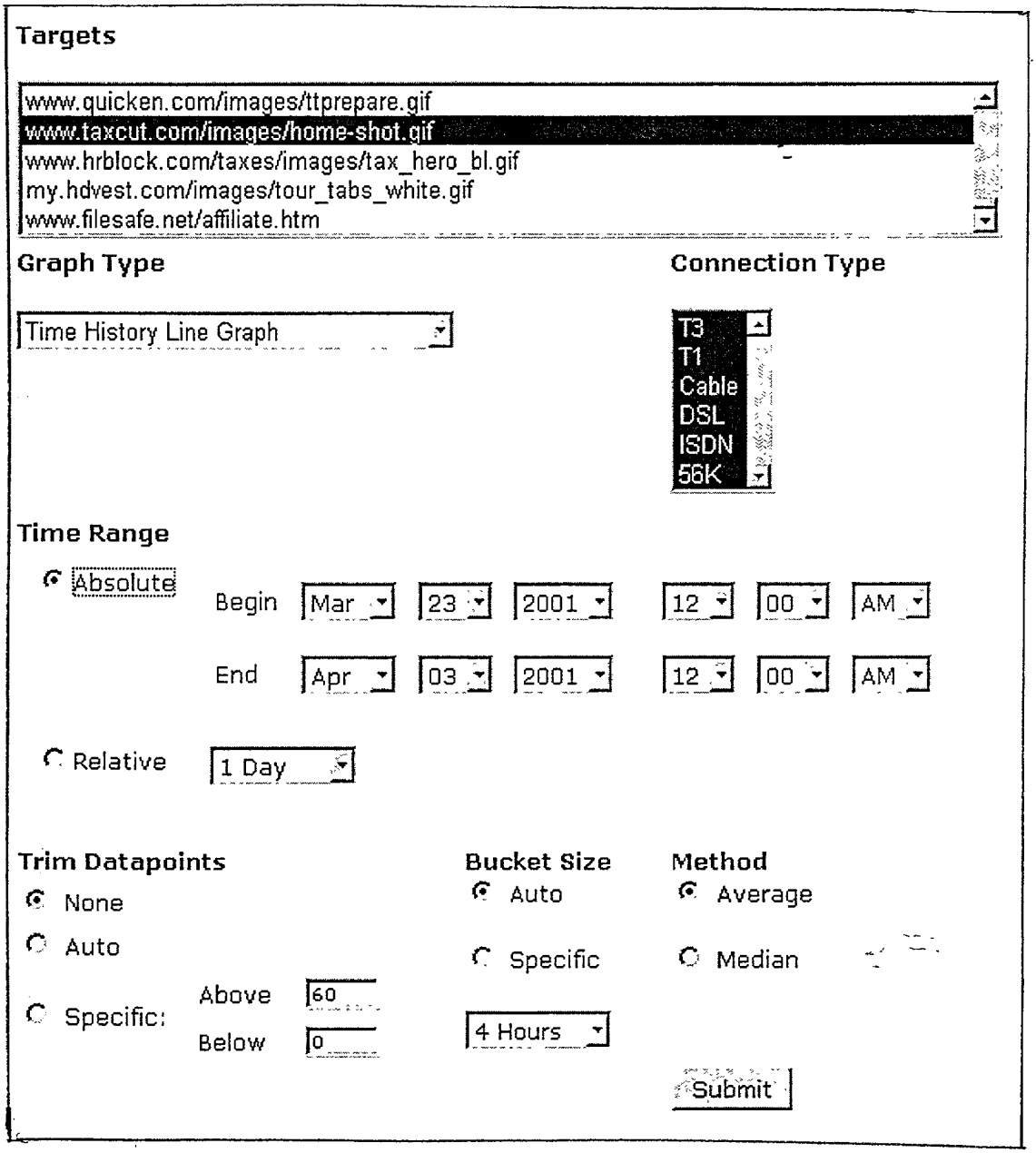


Figure 3


Targets
www.quicken.com/images/ttprepare.gif
www.taxcut.com/images/home-shot.gif
www.hrblock.com/taxes/images/tax_hero_bl.gif
my.hdvest.com/images/tour_tabs_white.gif
www.filesafe.net/affiliate.htm
Graph Type
Time History Line Graph
Connection Type
T3
T1
Cable
DSL
ISDN
56K
Time Range
Absolute
Begin
Mar
23
2001
12
00
AM
End
Apr
03
2001
12
00
AM
Relative
1 Day
Trim Datapoints
None
Auto
Specific:
Above
60
Below
0
Bucket Size
Auto
Specific
4 Hours
Method
Average
Median
Submit

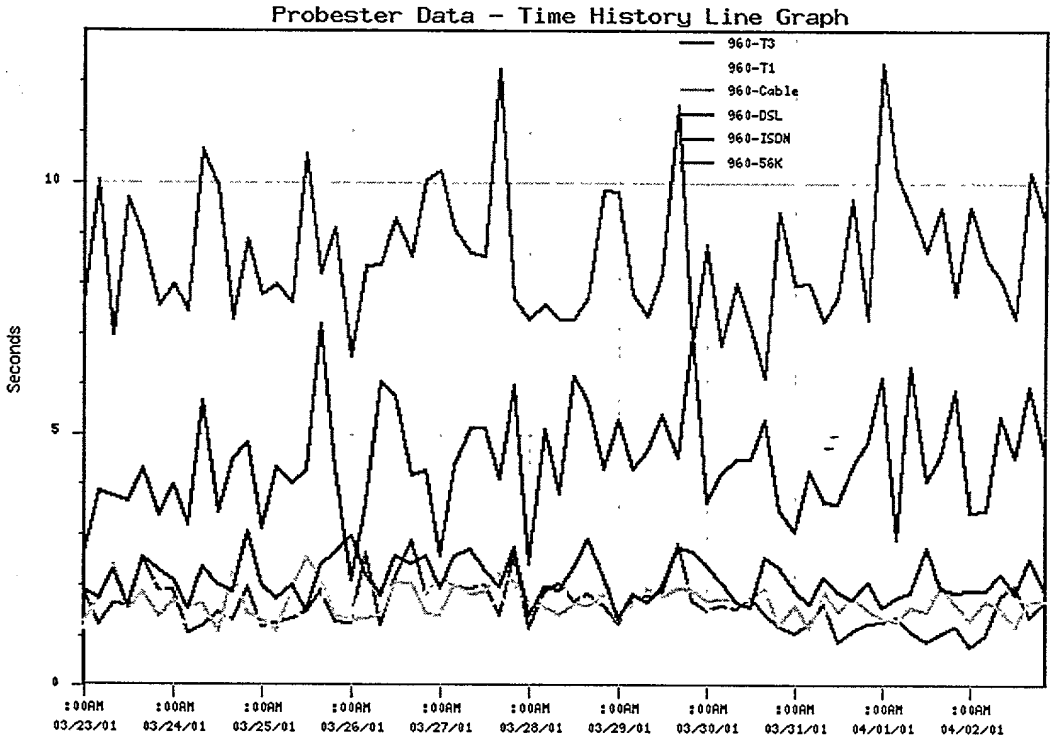


Figure 4

Data Display Engine

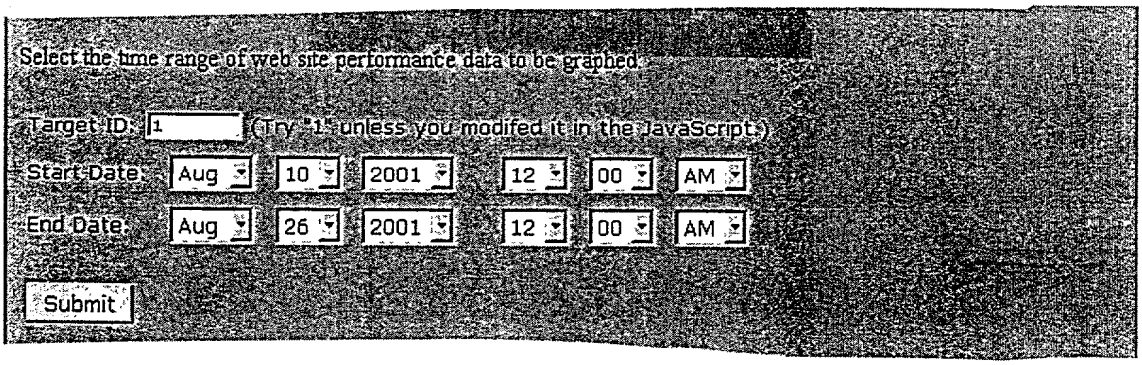


Figure 6

Data Display Engine

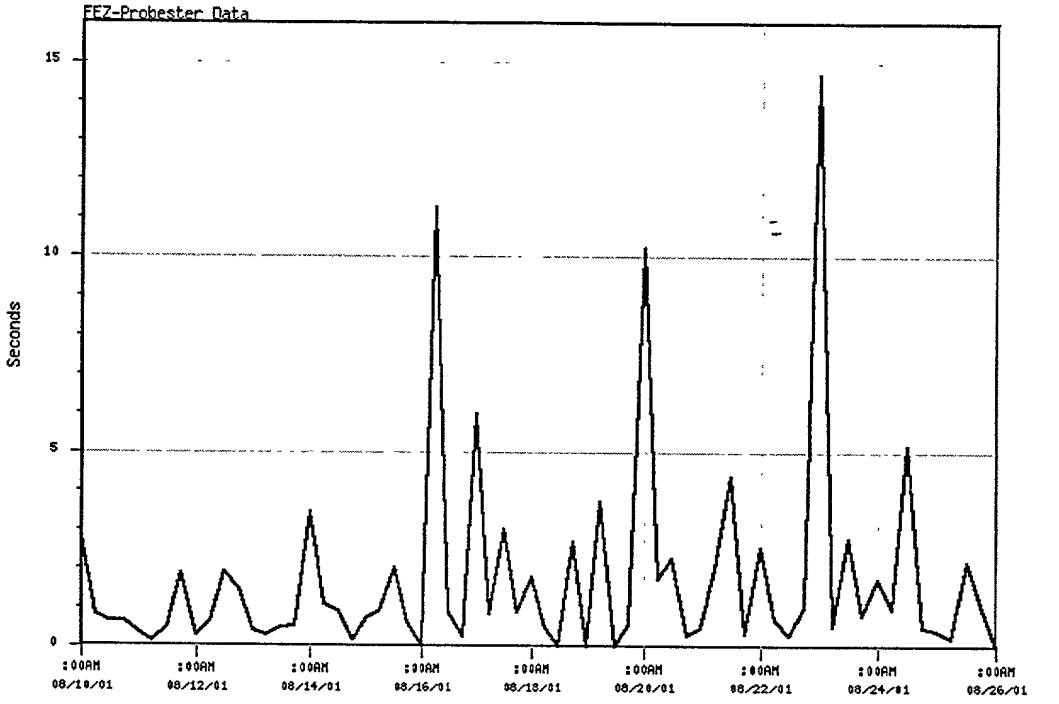
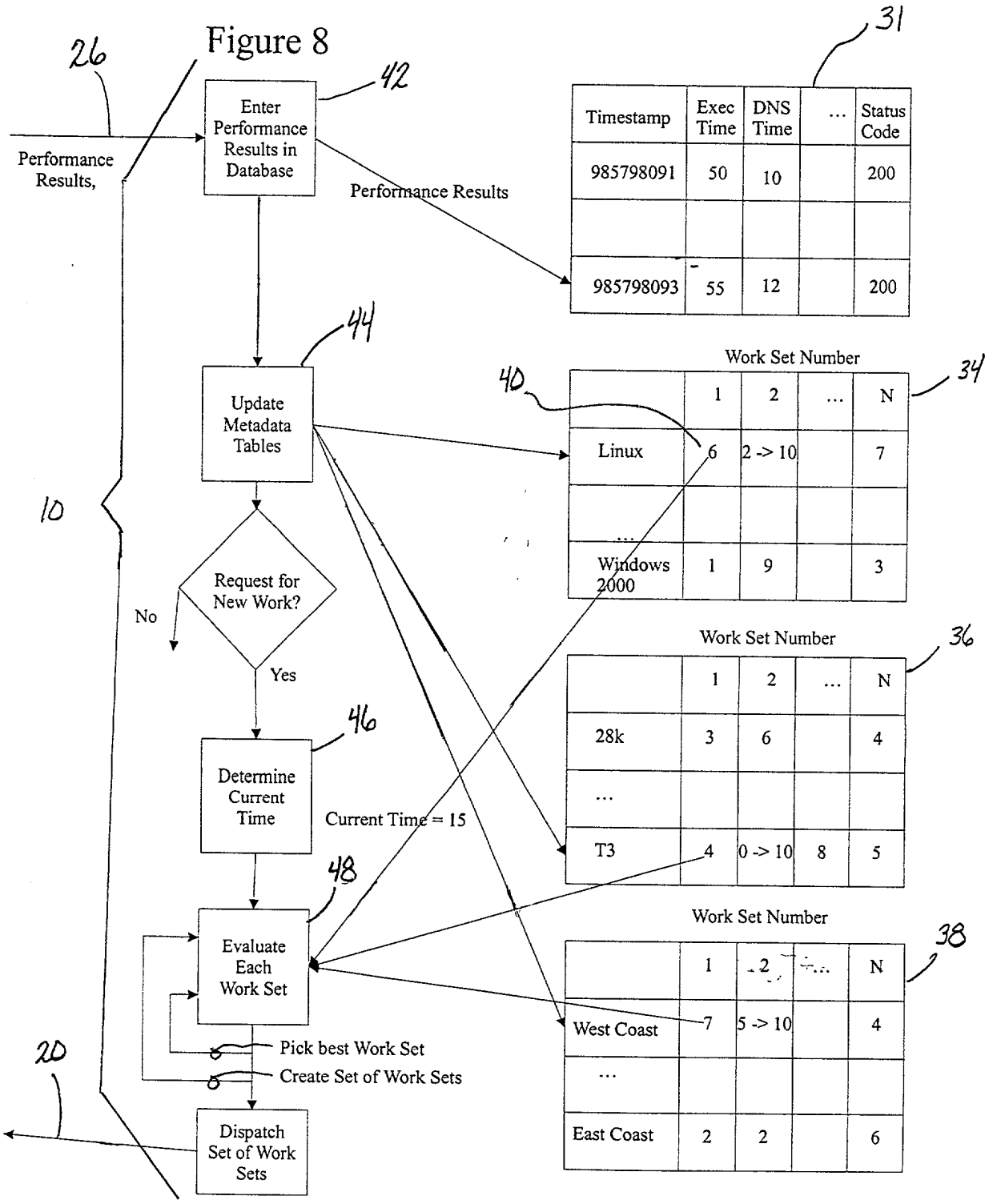


Figure 7

Figure 8


26
Performance Results,
Enter Performance Results in Database
42
Performance Results
31
Timestamp | Exec Time | DNS Time | ... | Status Code
985798091 | 50 | 10 | | 200
985798093 | 55 | 12 | | 200
Update Metadata Tables
44
40
Work Set Number
34
1 | 2 | ... | N
Linux | 6 | 2 -> 10 | | 7
Windows 2000 | 1 | 9 | | 3
10
Request for New Work?
No
Yes
Work Set Number
36
1 | 2 | ... | N
28k | 3 | 6 | | 4
T3 | 4 | 0 -> 10 | 8 | 5
Determine Current Time
46
Current Time = 15
48
Evaluate Each Work Set
Work Set Number
38
1 | 2 | ... | N
West Coast | 7 | 5 -> 10 | | 4
East Coast | 2 | 2 | | 6
Pick best Work Set
Create Set of Work Sets
20
Dispatch Set of Work Sets